

### 1.1.1 Boeing Plant 2/Jorgensen Forge

Since the early 1990s, various soil, groundwater, and sediment investigations have been conducted within the Boeing Plant 2/Jorgensen Forge EAA under both the Resource Conservation and Recovery Act (RCRA) and MTCA. Surface sediment exceedances of the SMS criteria in this EAA included total PCBs, PAHs, phthalates, cadmium, chromium, copper, lead, mercury, phenol, silver, and zinc. In addition, the various investigations at upland properties in this EAA have identified chemicals in upland soil, groundwater, seeps, and source tracing samples.

To date, several potential sources identified during upland investigations of Boeing Plant 2 have been controlled or removed. Stormwater lines were removed and/or cleaned, catch basins connected to the storm drain conveyance system are routinely sampled and cleaned as needed, and some soils in areas with elevated chemical concentrations have been removed. There have also been some hot-spot removals of highly contaminated sediments in the intertidal area off Boeing Plant 2. Finally, Boeing has conducted an evaluation of alternatives for a sediment removal project along the property (AMEC Geomatrix and Floyd Snider, Inc. 2008).

Other than the aforementioned hot-spot removals of sediment, ~~N~~no other remedial activities have been conducted in the in-water portion of this EAA to date. Eleven surface sediment and 355 subsurface sediment samples have been collected from 2007 to 2009 (in addition to those in the RI baseline dataset). These samples are included in the FS baseline dataset.

The 22-acre Jorgensen Forge upland property is located south (downstream) of Boeing Plant 2. In 2007, Ecology and the Jorgensen Forge Corporation (the current owner of Jorgensen Forge) have negotiated a legal agreement called an Agreed Order to conduct a Source Control Investigation at the site. Underground storage tank removals and some upland soil investigations have occurred on site (Ecology 2007). In addition, in 2008, the Earle M. Jorgensen Company (a former owner of Jorgensen Forge) and EPA entered into an administrative order on consent (AOC) to prepare an engineering evaluation/cost analysis (EE/CA) for a non-time critical removal action for sediments and associated shoreline bank soils. Some sampling of in-water sediments has occurred and a draft EE/CA (Anchor QEA 2009) has been submitted to EPA.